



STIC Search Report

EIC 3600

STIC Database Tracking Number: 94803

TO: Patricia Volpe
Location: Suite 804
Art Unit : 3600
Friday, May 21, 2004

Case Serial Number: 10/728220

From: Etelka Griffin
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Search Notes

LITIGATION SEARCH



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Terms: [patno=5806605](#) ([Edit Search](#))

740374 (08) 5806605 September 15, 1998

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5806605

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September 15, 1998

Implement for preparing seedbeds

REISSUE: December 4, 2003 - Reissue Application filed Ex. Gp.: 3616; Re. S.N. 10/728,220 (O.G. March 2, 2004)

APPL-NO: 740374 (08)

FILED-DATE: October 29, 1996

GRANTED-DATE: September 15, 1998

CORE TERMS: soil, scarifying, main frame, teeth, subframe, tines, blade, lip, aperture, socket ...

ENGLISH-ABST:

An implement for preparing seedbeds and lawns includes a main frame member upon which are mounted scarifying teeth to penetrate the soil and tines which work the soil and prepare the final grade after the soil has been scarified. A subframe is pivotally mounted on the main frame and carries a grading blade ahead of the scarifying teeth when the implement is move in the forward direction. The blade is allowed to float relative to the main frame on the subframe to thereby knock down vegetation, remove rocks and lightly grade the soil. The subframe can be moved relative the main frame to a position lifting the scarifying teeth and the tines off of the ground and allowing the blade to provide a deeper grading of the soil or the subframe may be moved to a position lifting the blade off of the soil so that the soil is contacted only by the scarifying teeth and the tines. The implement can also be used to transfer soil to fill in low places, as the main frame member upon which the tines and scarifying teeth are mounted have a pair of intersecting lips which with the tines define a scoop that is capable of picking up limited amounts of soil and transferring the soil to low places when the implement is moved in the backward direction.

Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility, Design and Plant Patents](#) [\[i\]](#)

Terms: [patno=5806605](#) ([Edit Search](#))

View: **Custom**

Segments: Appl-no, English-abst, Granted-date, Reissue

Date/Time: Thursday, May 13, 2004 - 11:52 AM EDT

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Patent Number :

US5806605 A 19980915 [US5806605]

Title :

(A) Implement for preparing seedbeds

Patent Assignee :

(A) HYDROSEED MFG INC (US)

Patent Assignee :

Hydroseed Manufacturing, Incorporated, Granger IN [US]

Inventor(s) :

(A) KEIGLEY KEVIN V (US)

Application Nbr :

US74037496 19961029 [1996US-0740374]

Priority Details :

US74037496 19961029 [1996US-0740374]

Intl Patent Class :

(A) E02F-003/76

EPO ECLA Class :

A01B-049/02

E02F-003/76D

E02F-003/76F

US Patent Class :

ORIGINAL (O) : 172145000; CROSS-REFERENCE (X) : 172197000
172198000 172200000 172445100 172449000 172683000 172684500

Document Type :

Basic

Citations :

US3122209; US3336685; US4320988; US4333250; US4869326;
US4886124; US4924945; US5397200; FR1314296; FR2587580;
GB2129034

Publication Stage :

(A) United States patent

Abstract :

An implement for preparing seedbeds and lawns includes a main frame member upon which are mounted scarifying teeth to penetrate the soil and tines which work the soil and prepare the final grade after the soil has been scarified. A subframe is pivotally mounted on the main frame and carries a grading blade ahead of the scarifying teeth when the implement is move in the forward direction. The blade is allowed to float relative to the main frame on the subframe to thereby knock down vegetation, remove rocks and lightly grade the soil. The subframe can be moved relative the main frame to a position lifting the scarifying teeth and the tines off of the ground and allowing the blade to provide a deeper grading of the soil or the subframe may be moved to a position lifting the blade off of the soil so that the soil is contacted only by the scarifying teeth and the tines. The implement can also be used to transfer soil to fill in low places, as the main frame member upon which the tines and scarifying teeth are mounted have a pair of intersecting lips which with the tines define a scoop that is capable of picking up limited amounts of soil and transferring the soil to low places when the implement is moved in the backward direction.

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Patent Number :

US5806605 A 19980915 [US5806605]

Application Number :

US74037496 19961029 [1996US-0740374]

Action Taken :

19961029 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: HYDROSEED MANUFACTURING, INCORPORATED 52060
FALCON; EFFECTIVE DATE: 19961028

19961029 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: KEIGLEY, KEVIN V.; EFFECTIVE DATE: 19961028

19970714 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: HYDROSEED INNOVATIONS, INC. 10880 MCKINLEY
HWY. OS; EFFECTIVE DATE: 19970702

19970714 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: HYDROSEED MANUFACTURING, INC.; EFFECTIVE DATE:
19970702

20040302 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031204

Update Code :

2004-11

1 / 1 CRXX - © CLAIMS/RRX

Patent Number :

5,806,605 A 19980915 [US5806605]

Patent Assignee :

Hydroseed Mfg Inc

Actions :

20031204 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20040302

REISSUE REQUEST NUMBER: 10/728220

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3616

Reissue Patent Number:

1 / 1 INPADOC - © INPADOC

Patent Number :

US 5806605 A 19980915 [US5806605]

Title :

IMPLEMENT FOR PREPARING SEEDBEDS

Inventor(s) :

KEIGLEY KEVIN V [US]

Patent Assignee (Words) :

HYDROSEED MFG INC [US]

Application Details :

US 740374/96-A 19961029 [1996US-0740374]

Priority Details :

US 740374/96-A 19961029 [1996US-0740374]

Intl. Patent Class. :

E02F-003/76

WPI Cross Reference :

1998-519651 (G)

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Patent Number :

US5806605 A 19980915 [US5806605]

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HWY. OS; EFFECTIVE DATE: 19970702

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OWNER: HYDROSEED MANUFACTURING, INC.; EFFECTIVE DATE:

19970702

20040302 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20031204

Update Code :

2004-11